

**Hawaii Department of Agriculture - Pesticides Branch  
4rd Quarter Report; EPA Region IX  
July – Sep 2014**

**ADMINISTRATIVE:**

Attended Out of State Travel:

Date:	Conference/Meeting:	Description:	Attendee(s):
August 24 – 27, 2014	58 <sup>th</sup> Annual Conference of the Association of Structural Pest Control Regulatory Officials (ASPCRO); Missoula, Montana	Topics: Risk communication, thresholds for regulatory action, pollinator protection, school IPM and wildlife management, future factors for structural pest management	Steve Russo, EHS Education
September 8 – 11, 2014	ALSTAR Training/Meeting and NPIRS Conference; Las Vegas, Nevada	Information presented on the ALSTAR and NPIRS applications i.e. upcoming changes to the software and new tools available to users. Interact with other users of the program.	Christina Zimmerman, EHS; Ralden Chang, EHS Registration/Licensing

**PROGRAM HIGHLIGHTS:**

Personnel:

EHS Victoria Matsumura continues on temporary assignment with the Case Development section. She will continue to conduct MSI inspections to limit her exposure to pesticides.

Consulting Services.

Approval from the Governor was granted in April 2014 to develop an information technology (IT) system database within the Pesticide Branch for greater efficiency and to improve access to pesticides related information internally and to the general public. Three major sections involved are Enforcement, Registration/Licensing and Education/Certification.

Additional meetings are being scheduled with DataHouse Consulting, Inc. to clarify other workflow plans and required reports needed by pesticide staff.

A soft rollout of the project was held and one meeting hosted by vendor DataHouse who provided initial training to Pesticide Branch staff on what some reports would look like. The Chemical Analysis Lab will also be providing their workflow plans for input into this system.

Legislative:

Senate Bill No. 2110 SD2 HD1

- This bill sought 8 new positions in the Pesticides Branch. Positions were in the enforcement and education sections.
- Of the positions requested, the legislature granted 4 new positions. These positions will be a case developer, and enforcement inspectors added to Kauai, Oahu and Hawaii Island. The Pesticides Branch has initiated paperwork to fill these slots.

Act 105 from last year.

A sample of how redacted RUP sales records would look like when posted on HDOA's server was sent to our deputy attorney general for comment. A series of meetings have taken place with our deputy attorney general and the State Office of Information Practices (OIP) to determine what information can be posted to be in compliance with Hawaii's UIPA 92F. We have yet to reach an agreement, hence no date has been determined when posting will occur on the HDOA website.

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### Registration/Licensing:

#### Licensing:

A total of 181 licenses were processed (Jul-Sept), with fees collected totaling \$59,730. All licenses issued were for new products, 177 for general use products and 4 for restricted use products.

#### Special Local Need Registrations:

SLN HI-080001 for use of Rozol Mini Blocks, EPA Reg. No. 7173-243, to control Norway rats, roof rats, Polynesian rats, and house mice in and around tropical nut and fruit orchards as well as in and around fields of corn or soybean grown for seed. Issued 09/04/2014.

SLN HI-080002 for use of Rozol Pellets, EPA Reg. No. 7173-151, to control Norway rats, Polynesian rats, roof rats, and house mice in tropical nut and fruit orchards, as well as around fields of corn or soybean grown for seed only, and around sugar cane fields. Issued 09/04/2014.

#### Emergency Exemptions:

None issued or active in this quarter.

#### State Experimental Use Permits:

None issued in this quarter

#### New Active ingredients:

No new active received in this time.

Cyantraniliprole – still need to conduct full GW review. Dr. Ray indicated he can conduct with assistance from Dr. Seojin Ki. Dr. Ray will send proposal listing estimated cost for reviews so we can request Purchase order.

#### Endangered Species Review Requests (Section 7)

None requested.

### Chemical Analysis Laboratory (CAL):

Total no. of 1607 tests run for 89 samples pertaining to 18 enforcement cases were finished by both GC/MS and LC/MS equipment.

Total of 8 tests were run for 8 samples pertaining to 1 batch FERN PT samples. Samples were finished by the LC/MS equipment

The Bio monitoring Proposal for a CDC Cooperative Agreement that was submitted last quarter has been reviewed and was given a priority score; however, it did not rank highly enough to be funded at this time. The application will be held for 12 months should additional funds become available.

### Education/Certification:

#### Applicator Certification and Training Work plan:

- A total of 185 statewide certification examination sessions were held.
- One hundred sixty-six (166) examinees were tested in Private applicator or Commercial applicator categories.

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- Out of these examinees, 44 individuals became newly certified applicators and another 27 individuals were re-certified in their appropriate work profession categories.
- 27 certified applicators collectively earned 168 recertification credits by taking quizzes.
- Nine CET training classes were held and attended by 129 certified applicators. These attendees collectively earned 157.5 recertification credits.

### Worker Protection Safety Program Work plan:

#### WPS training provided at:

- Kulana Kea Farms -Big island; (7)
- Royal Hawaiian Orchards - Big Island (1)
- Duc Farm – Kahaluu, Oahu (1)
- Maui Grown Tomatoes – Haiku, Maui (1)
- Kealana Farms –Kula, Maui (1)

#### Other trainings/technical assistance provided by Pesticide Education staff included topics on:

- RUP recordkeeping and written instruction- Mateo Farms - Big Island (1)
- As part of Little Fire Ant Pest Management Workshop; 5 presentations on Pesticide Safety to homeowners – Big Island (59), Park and Recreation staff (3) and USDA, ARS Staff (48)
- Oversee Little Fire Ant treatment by Parks & Rec staff – Richardson Beach, Big Island
- Ant bait labels and calculating application rates – State of Hawaii DOD – Big Island (3)
- Searching NPIRS for fungicides on plums UH CTAHR, CES – Big Island
- Chinese rose beetle damage on Longan, UH CTAHR, CES – Big Island
- Treatment for Coffee Berry Borer – J. Jazmin – Big Island
- Herbicide spraying – ABC Fun Preschool – Big Island
- Glass winged sharpshooter identification – Florinbunda Palms and Exotics – Big Island
- Insecticidal soaps on crops – Holualoa School - Big Island
- Rodenticides for mice outbreak in Waikalua – Waikoloa Association – Big Island
- Broadleaf herbicides treatment in residential area (1) – Big Island
- WPS Training requirements – Taiwan Gu of Xianglong Farms – Big Island
- Review of wood treating product labels – Hawaii Planning Mill (HPM)- Big Island
- Review pesticide storage, labels, emergency procedures and WPS – Kauai Community College (3)
- Pesticide use, storage, WPS, recordkeeping and certification - Laotian farmers in Punaluu, Oahu (14)
- Landscape Industry Council of Hawaii (LICH); Legal compliance when applying pesticides in landscapes and nurseries. (18)
- Information meeting on spray application in parks -Oahu (20 attendees)
- Previous Notice of Violation discussion– Mr. T's Pest Control - Kauai
- Monitored Hawaii Pest Control Association Conference workshops

Approximately 320 individuals attended these trainings.

#### Enforcement:

##### Oahu:

- EHS Matsumura conducted an MSI at Healthy's Inc. dba Down to Earth, a natural health food store and documented ten pesticides suspected of being unregistered pesticide products.
- A homeowner filed a complaint against a neighboring vegetable farmer. Carbaryl was detected on window жалousies at the homeowner's house but no carbaryl use was documented at the

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neighboring farm. Three pesticide dealer's records were checked for carbaryl sale to the farm. No records of carbaryl sales were found.

- A homeowner filed a complaint against their neighbor. The applicator had spread Enoz mothballs under their home to repel rats. After the initial cleanup/pickup, the complainant said they could still smell mothballs. The inspector told the complainant that he could not force the applicator to pick up all of the mothballs. Suspected violation was that the site of application was in violation to the product label.

### Maui/Molokai:

- A homeowner living next to a vacant property/proposed development project in Lahaina filed a complaint that she was affected by spray drift due to an herbicide application. Swab sample results did not detect pesticide residue.
- Inspection on the use of Ovocontrol P at a Kaanapali resort yielded suspected violations of failure to notify HDOA and failure to obtain a wildlife control permit. This inspection also generated another inspection that documented an unregistered pesticide, Ovocontrol S. The Ovocontrol S was still intact from the manufacturer and was bagged/sealed by the inspector.

### Kauai:

- A career farmer in Kapaa applied pesticides in the very early morning and very late in the evening. Nearby residents complained of the smell and are concerned for the health and safety of young children. Lab results are pending.

### Hawaii Island:

- A homeowner in Hilo filed a complaint, stating that her neighbor sprayed an herbicide onto and over her rock wall, causing plants in her yard to turn yellow/die. Inspector did not observe any evidence of herbicide drift into complainant's yard but noted nutritional deficiencies in the plants. Complainant agreed with inspector, stating her son also thought the plant yellowing was due to nutrient deficiency.
- A Hilo resident called DOA to report concerns about the application of ant bait at Richardson Ocean Park in Hilo, Hawaii. Complainant lives across the street from Richardson Ocean Park and had concerns over how the application was made so close to the shoreline, shooting up into trees located close to the water's edge in windy conditions. Complainant expressed concerns for the environment and public entering the treated areas during and after the treatment. County of Hawaii Department of Parks and Recreation personnel made the application. Suspected violations discovered, label rate of 2.0 #/A exceeded. 22.5 #'s used for 2.5 A. (no scale available). Wind documented at 15-17 mph during application. Application made to intertidal areas, high tide entered treated areas after application. Taro and bananas planted in the park were treated, not approved for food crops.
- A homeowner in Pahoa, Hawaii, called DOA to complain about family members stalking and trying to poison her. Police were called. Inspector met with complainant at her apartment in Pahoa. Complainant claims white powder in house and poison being pumped in the walls. Inspector did not observe any evidence of substances complainant believes are present.
- A homeowner in Keaau, Hawaii called DOA to complain about an application that was being made in windy conditions. A meeting took place with the complainant within an hour of his call. Complainant's home is directly downwind of a papaya growing area and is located within ~ 60 feet from site of application. Complainant is concerned for his family and pets exposure to pesticides. The wind was measured at 4-14 mph at complainant's house. An applicator was identified. A field to be planted with papayas had been treated with Roundup. Suspected violation, Precautionary Statement. Applicator signed an Attestation indicating that he was

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going to terminate this leased land due to the location of complainant's residence and other residences downwind. Honcho Plus applied.

### Special Projects:

#### IPM In Schools:

Gilbert Chun of the Hawaii Department of Education Facilities reported that Mr. Robert Hamm was recently contracted to help draft the Hawaii IPM program and implementation plan. Mr. Hamm is relocating to Hawaii and previously worked in the Los Angeles school district and was responsible for implementation the Los Angeles Unified School District's IPM plan.

#### Development of WPS Handler and Worker narrated slideshow:

Work continues on the development of a written script in English with the next phase having translators convert the English script into Ilocano, Laotian, Mandarin, Cantonese and Tagalog. Due to absenteeism of a key staff member, time was not spent on this activity.

#### Development of IPM informational booklet for local public schools Grades 1 – 5:

On-going development activity. Doing some preliminary cartooning character work.

#### Development of Crop Grouping for mobile app:

On-going activity. Discussed concept with staff. Will seek out vendor to further develop.

#### Development of Label Search:

On-going activity.

#### Endangered Species Protection Work plan:

(No activities scheduled)